

1 Attorney Docket No. 80116

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3 ACOUSTIC REMOTE CAVITATION AS A DESTRUCTION DEVICE

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5 ABSTRACT OF THE DISCLOSURE

6 A method is disclosed of generating a predetermined field
7 of cavitation around a remote target in an underwater
8 environment. The method includes the steps of identifying a
9 remote target location, generating at least two acoustic
10 beamforms, each at a high power output, from an underwater
11 acoustic source, and controlling the generated acoustic
12 beamforms to intersect with each other at the remote target
13 location and thereby create a destructive cavitation field at
14 the intersection of the beamforms. The acoustic source and
15 target can be located in unconfined underwater space and at a
16 distance of at least 100m apart.